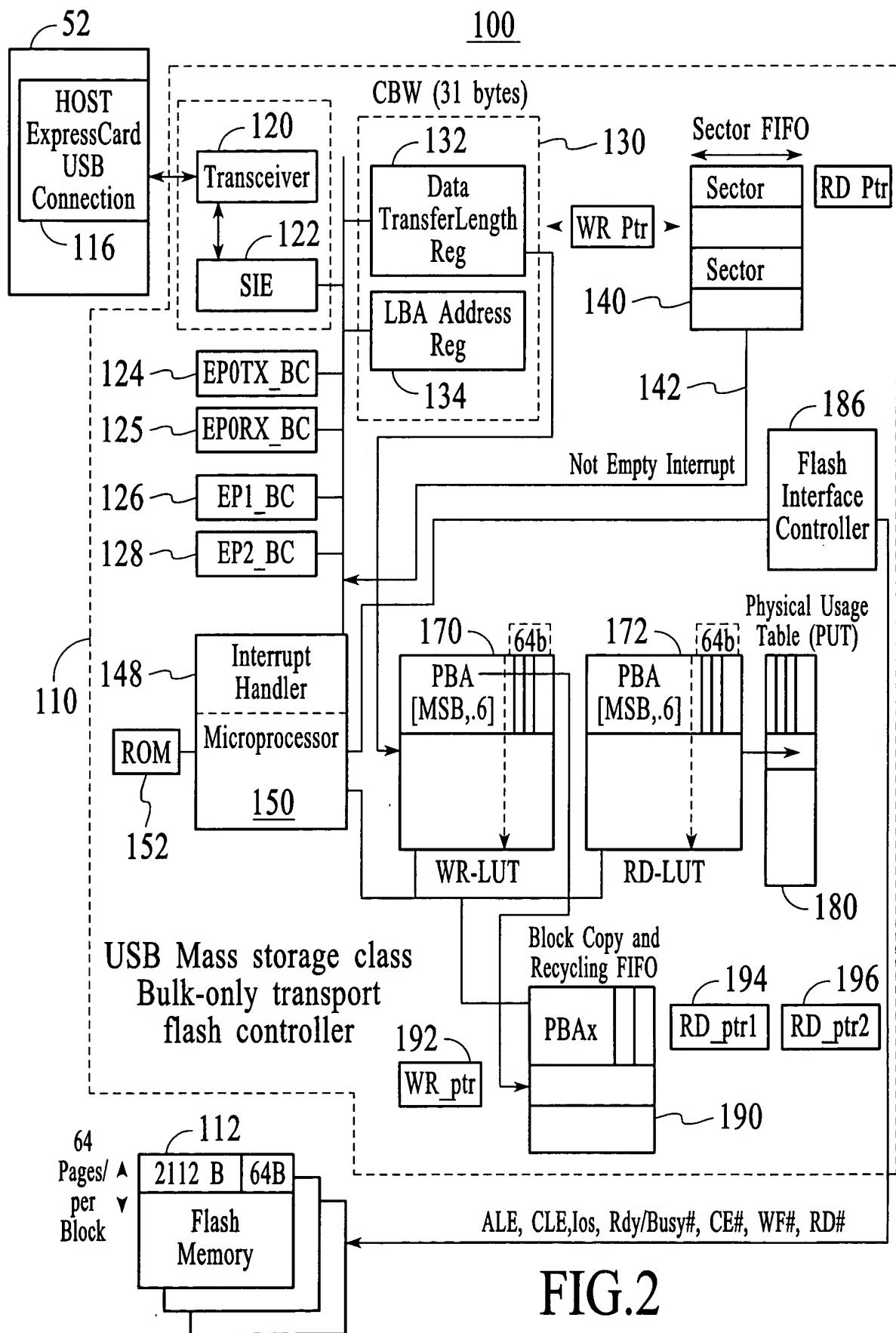


FIG.1
(PRIOR ART)



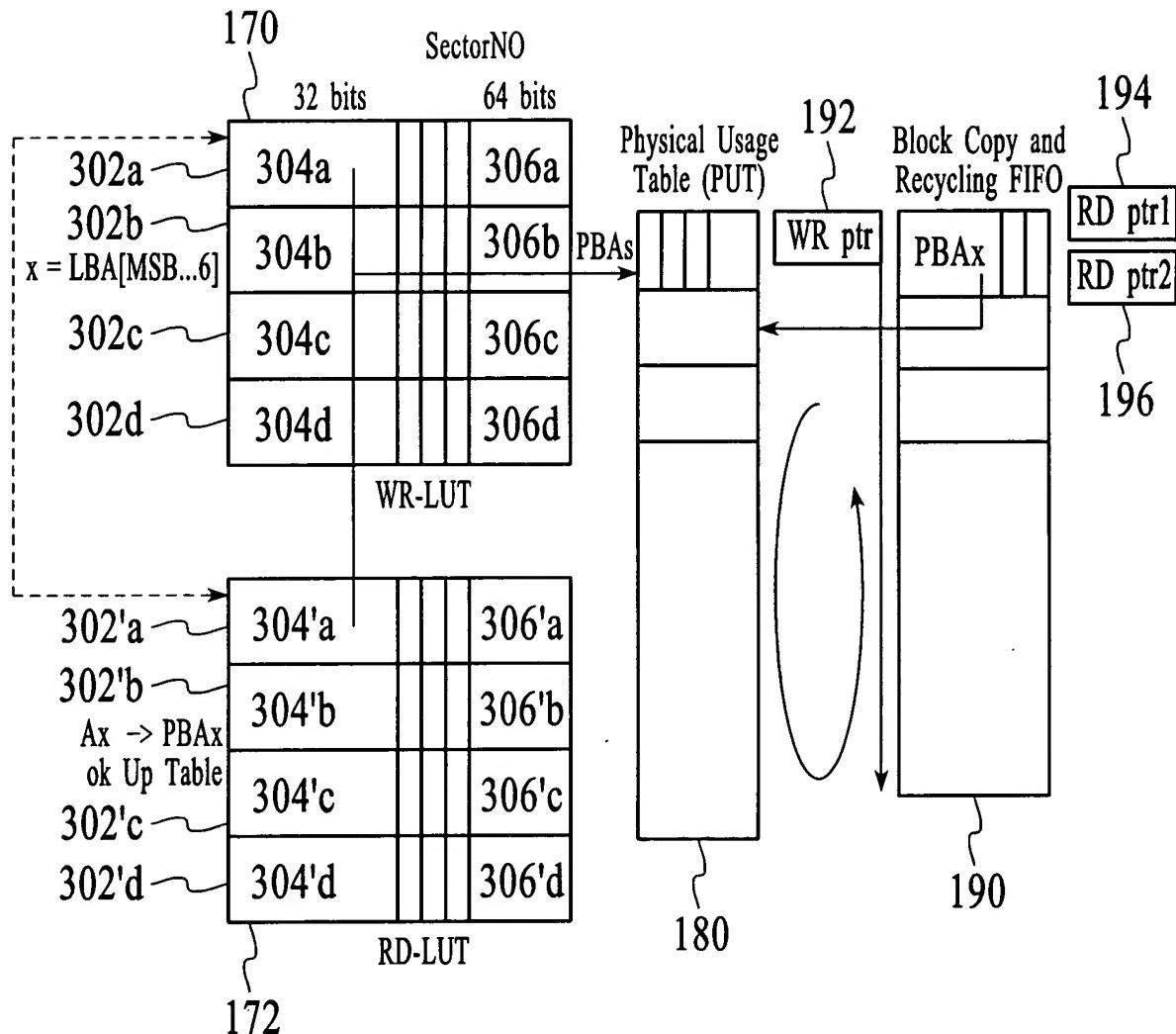


FIG.3

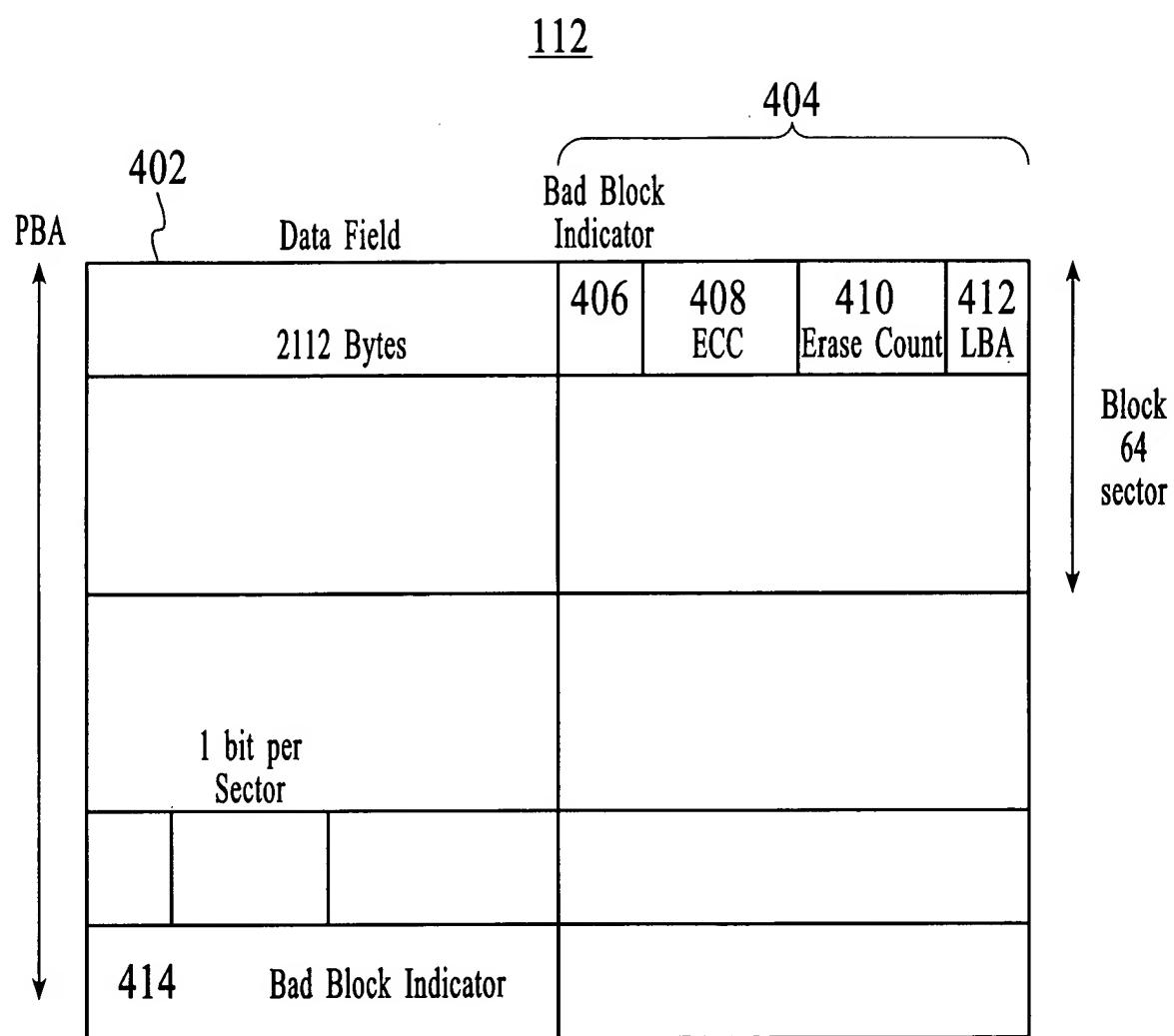


FIG.4

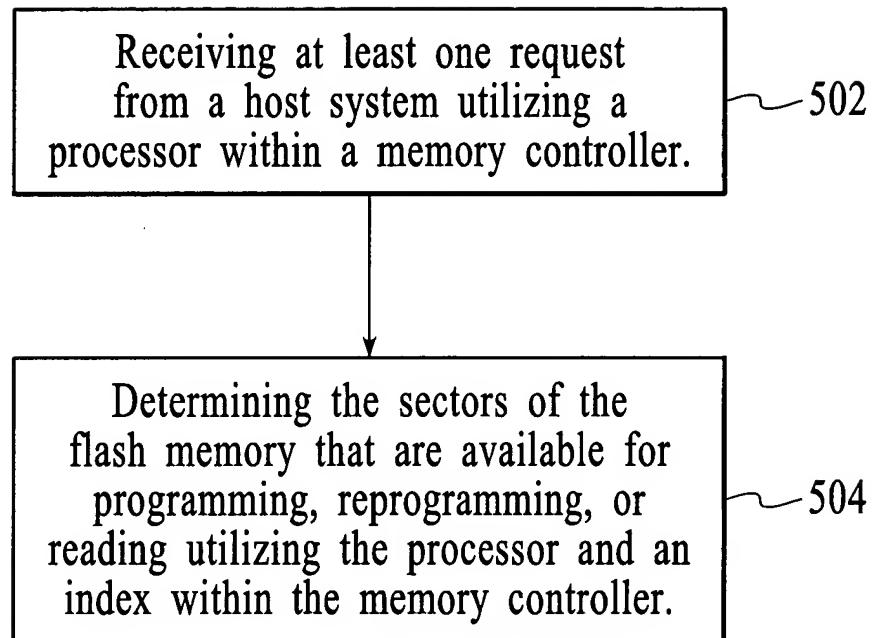


FIG.5

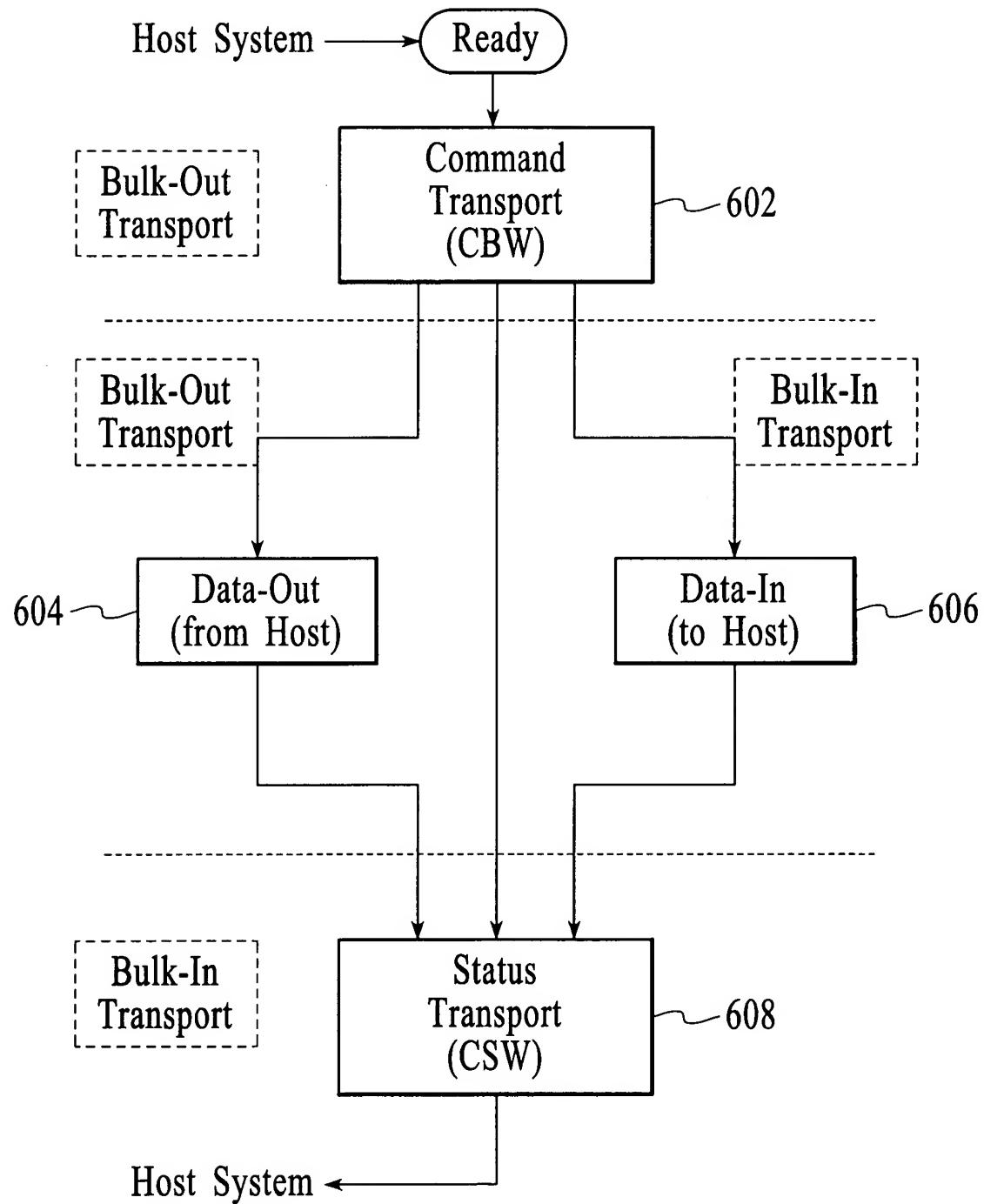


FIG.6

702

Byte \ bit	7	6	5	4	3	2	1	0
0 - 3	CBW Signature (43 42 53 55h, 55 is byte 0)							
4 - 7	CBW Tag							
8 - 11 (08h - 0Bh)	CBW Data Transfer Length							
12 (0Ch)	CBW Flags							
13 (0Dh)	0h (Reserved)			CBW LUN				
14 (0Eh)	0h (Reserved)			CBW CB Length				
15 - 30 (0Fh - 1Eh)	CBW CB							

FIG.7A

704

Byte \ bit	7	6	5	4	3	2	1	0													
0	Operation Code (28h as read example)																				
1	Reserved		Service Action																		
2	MSB ↑																				
3																					
4	LBA ↓																				
5	(Logical Block Address) LSB ↓																				
6	Reserved																				
7	MSB ↑	Transfer Length (unit is sector)																			
8	↓ LSB																				
9	Control (00h)																				

FIG.7B

706

Byte \ bit	7	6	5	4	3	2	1	0
0 - 3	CSW Signature (53 42 53 55h, 55h is byte 0)							
4 - 7	CSW Tag							
8 - 11 (08h - 0Bh)	CSW Data Transfer Length							
12 (0Ch)	CSW Flags							

FIG.7C

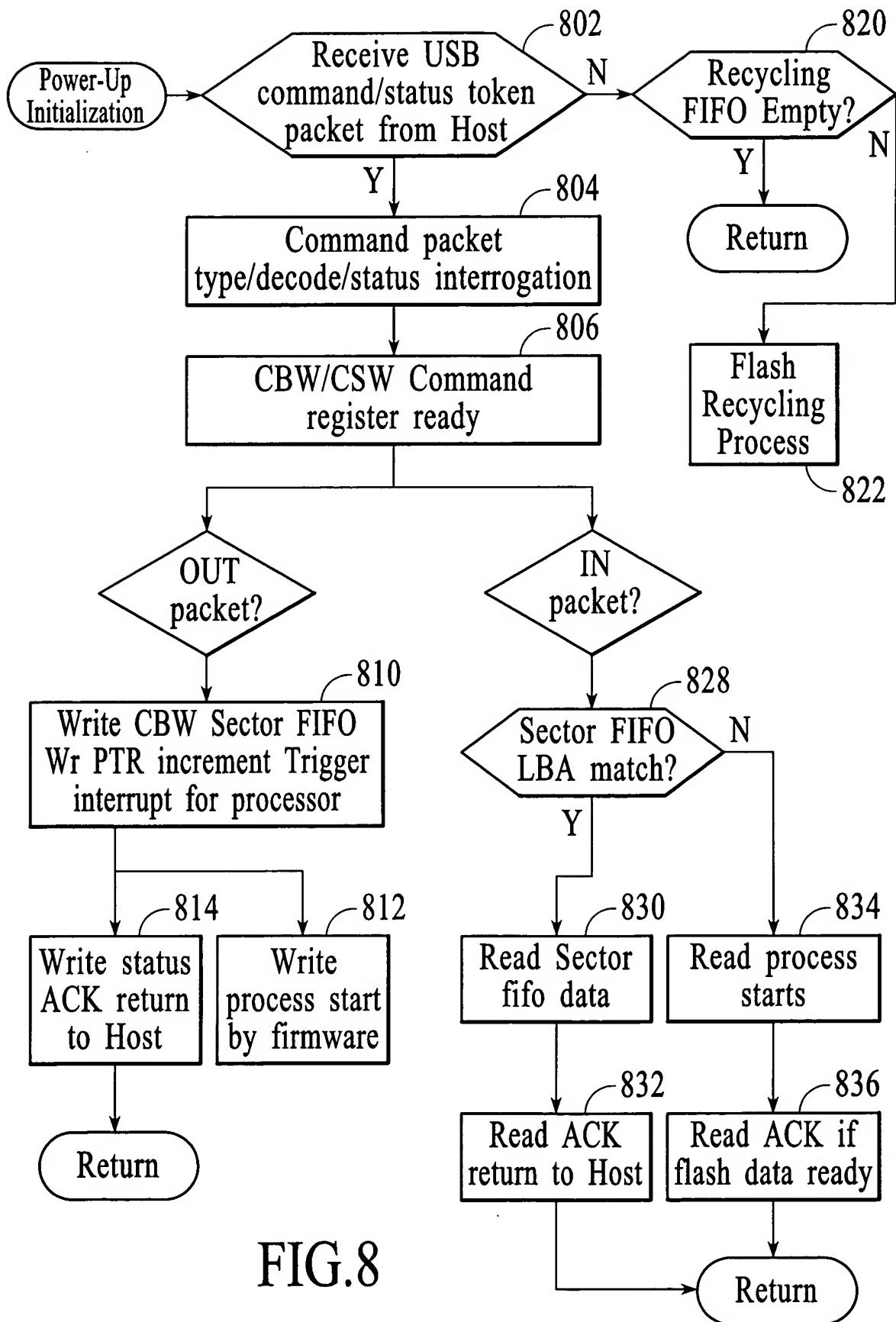


FIG.8

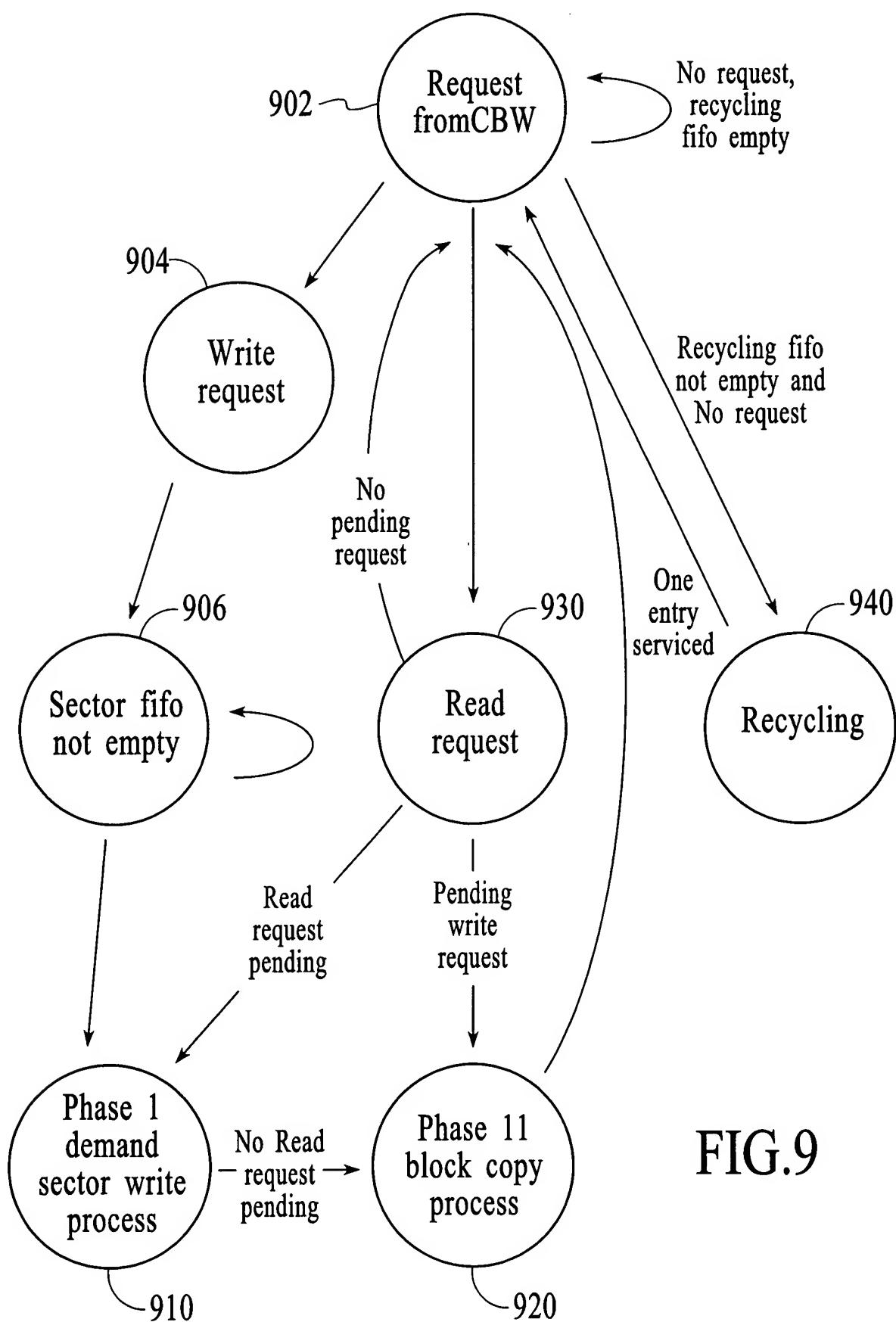


FIG.9

Read LUT <u>172</u>	Write LUT <u>170</u>	Flash Memory <u>112</u>	PUT <u>180</u>
LBA	LBA	PBA	
0 0 0 0 0	0 1 1 1 1	0 A0 A1 A2 A3	1 1 1 1
1 0 0	1 1 1	1 A4 A5	1 1

FIG.10A

0 1 1 1 1	0 1 1 1 1	0 A0 A1 A2 A3	1 1 1 1
1 1 1	1 1 1	1 A4 A5 B	1 1

FIG.10B

0 1 1 1 1	0 1 1 1 1	0 A0 A1 A2 A3	1 1 1 1
1 1 1	1 1 1	1 A4 A5 B C0	1 1 1
2 1		2 C1	1

FIG.10C

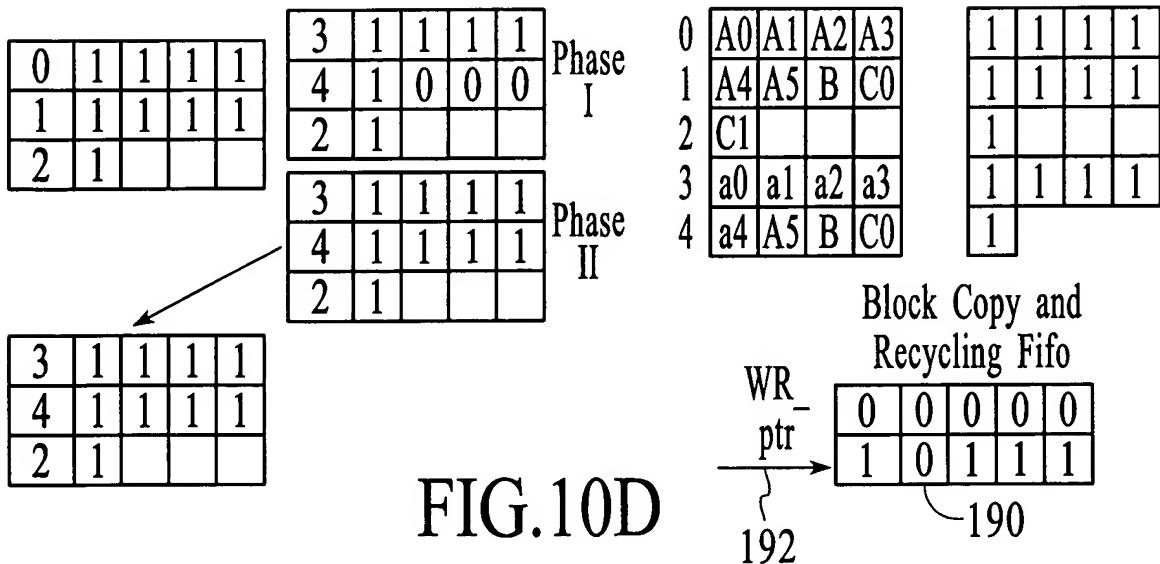
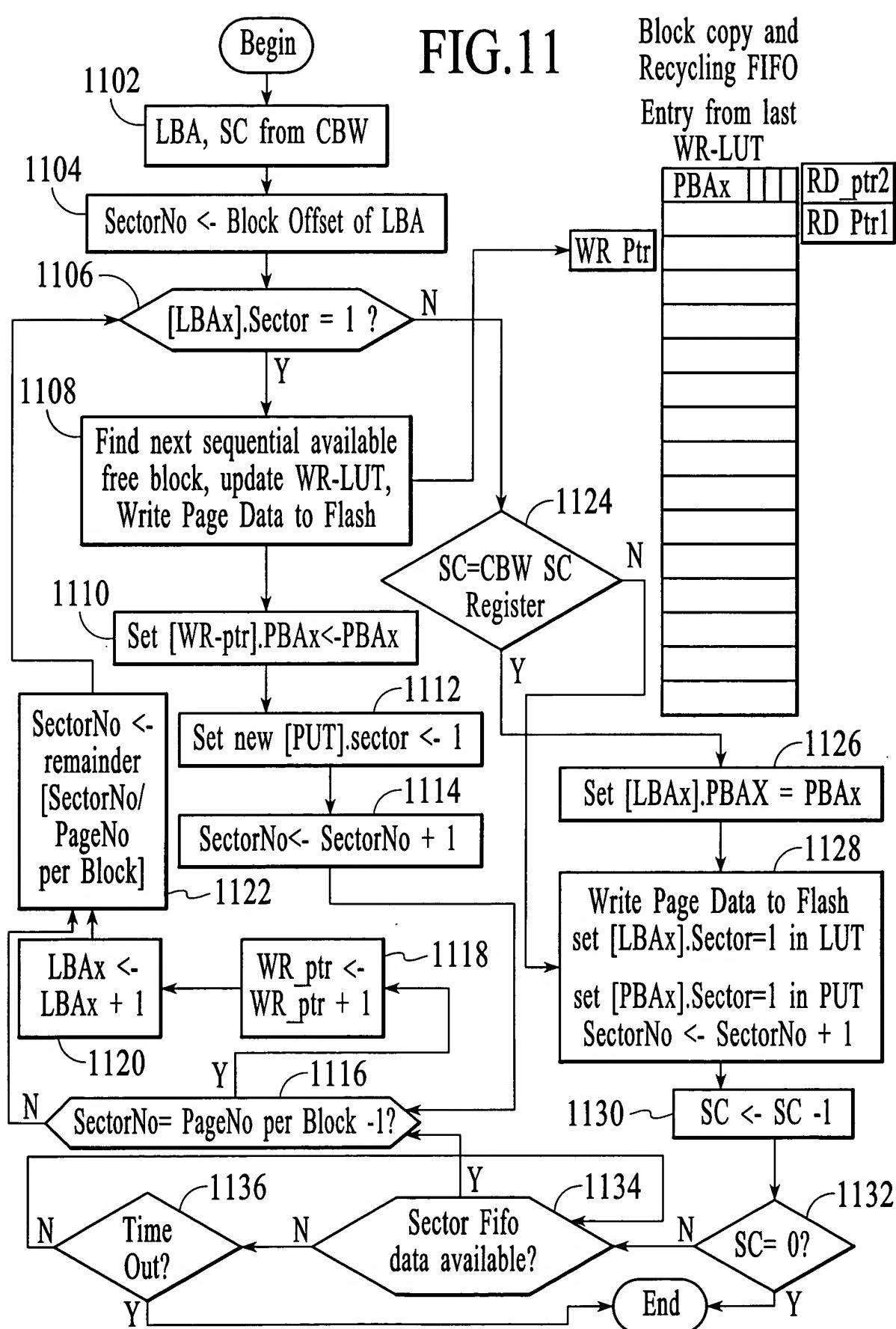


FIG.10D

FIG. 11



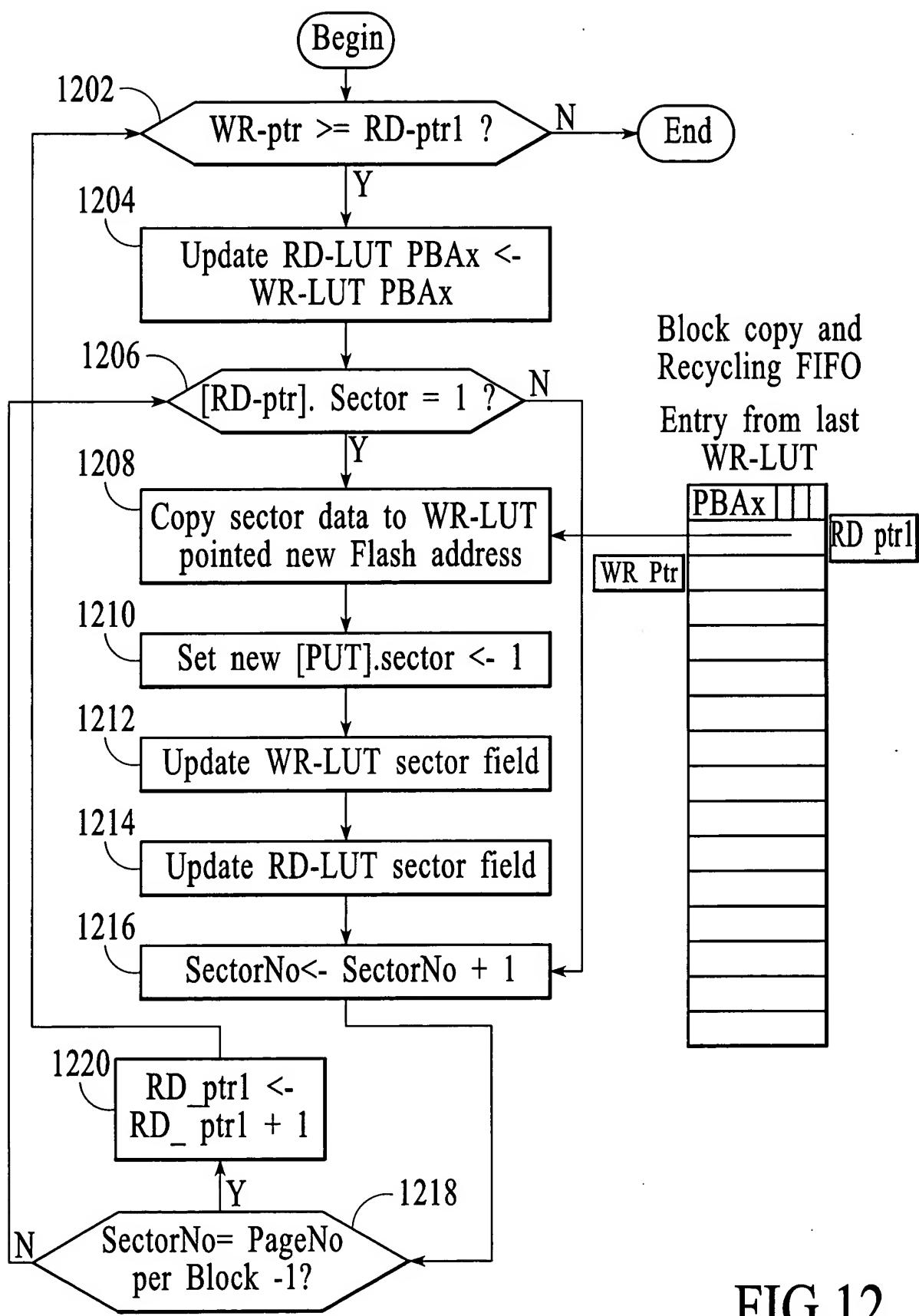


FIG.12

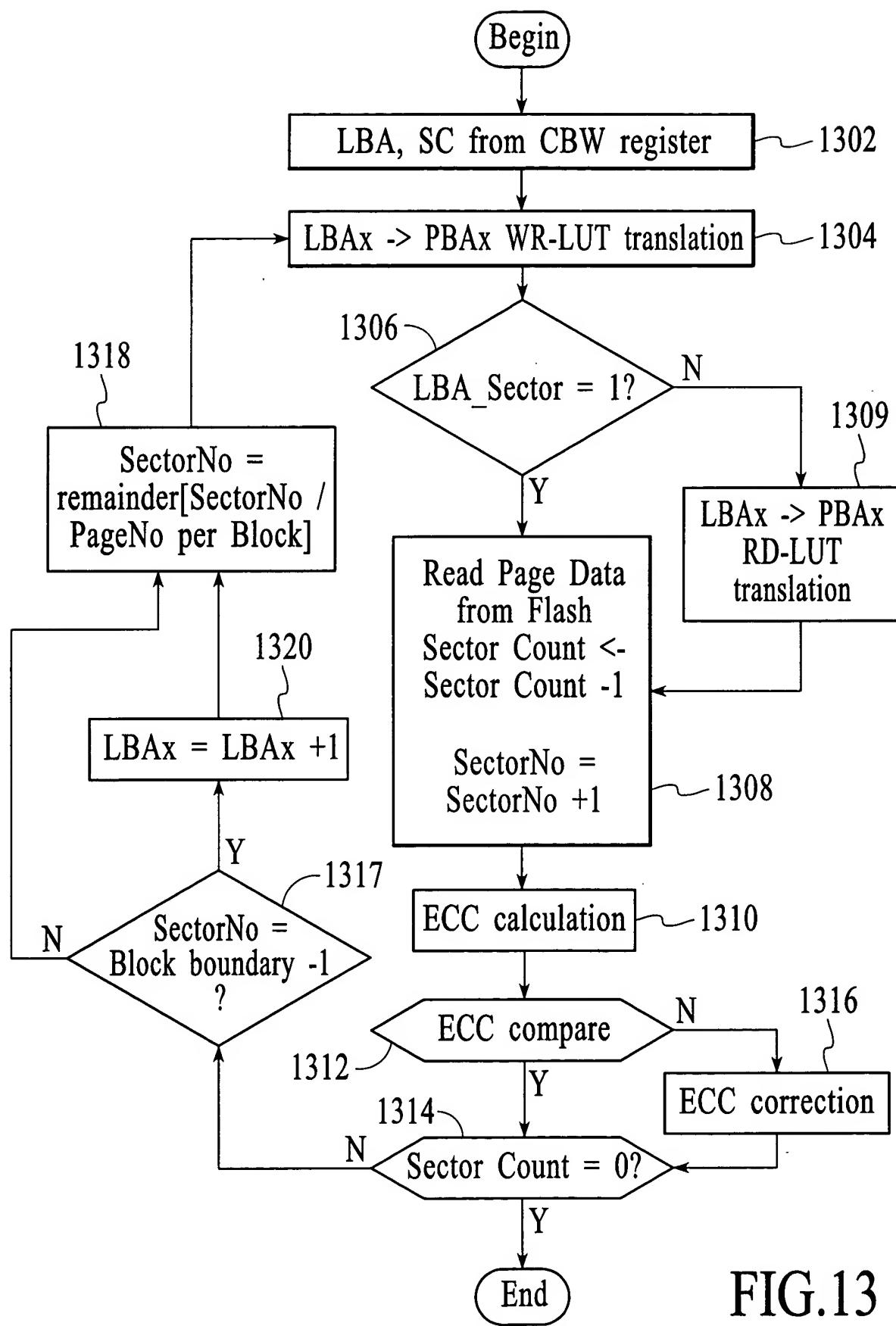


FIG.13

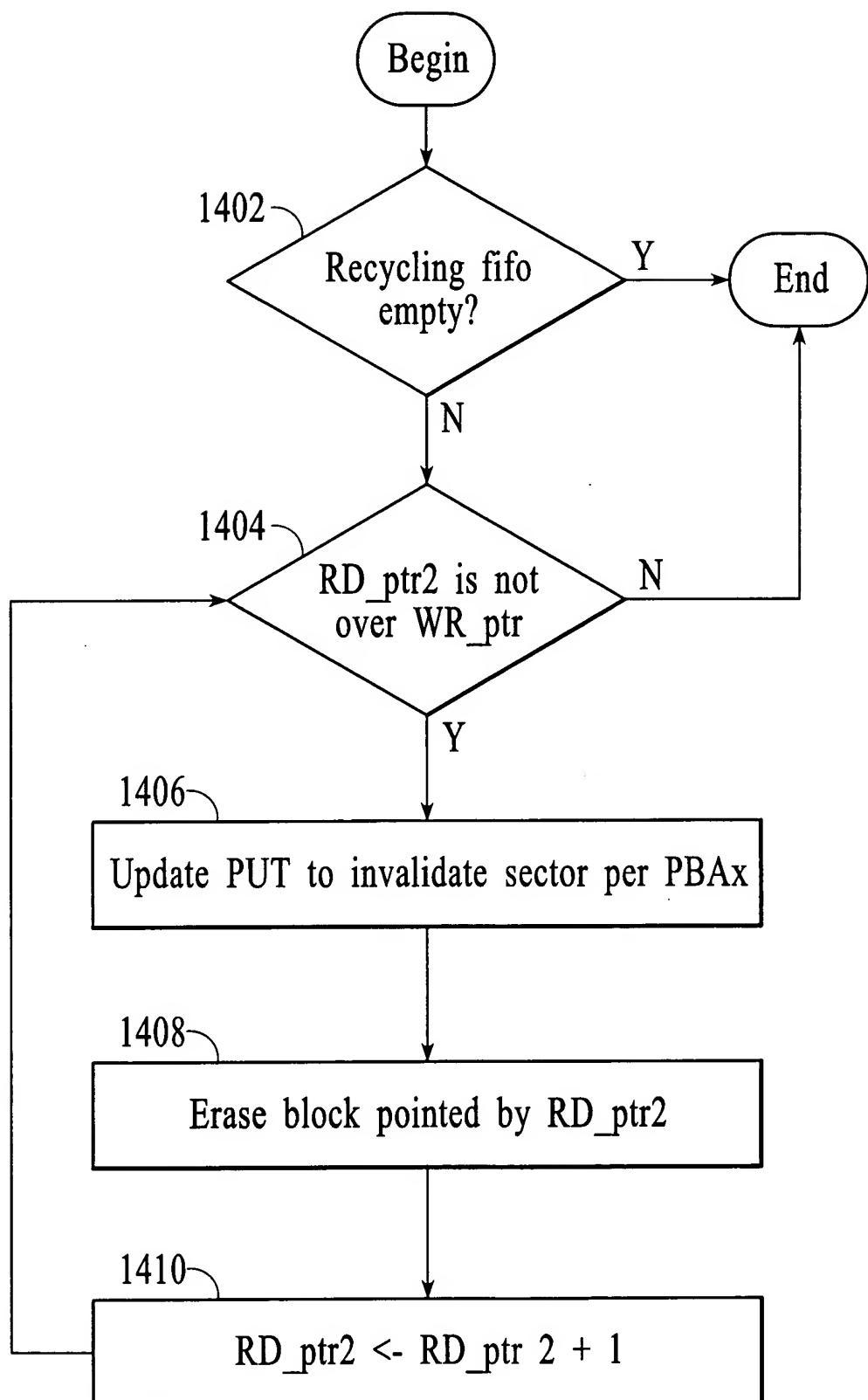


FIG.14